

What is claimed is:

1 1. An organic electro-luminescent display device,
2 comprising:
3 a glass substrate;
4 an optic-compensation film of transparent dielectric
5 material formed on the surface of the glass
6 substrate;
7 an anode layer formed on the optic-compensation film;
8 a laminated body of organic material formed on the
9 anode layer; and
10 a cathode layer formed on the laminated body.

1 2. The organic electro-luminescent display device as
2 claimed in claim 1, wherein the optic-compensation film is
3 silicon nitride (SiNx).

1 3. The organic electro-luminescent display device as
2 claimed in claim 1, wherein the optic-compensation film is
3 of 100~3000Å thickness.

1 4. The organic electro-luminescent display device as
2 claimed in claim 1, wherein the optic-compensation film
3 promotes transparency of red light to approximately 90%.

1 5. The organic electro-luminescent display device as
2 claimed in claim 1, wherein the anode layer is ITO.

1 6. The organic electro-luminescent display device as
2 claimed in claim 1, wherein the laminated body comprises:
3 a hole-injecting layer formed on the anode layer;

4 an organic luminescent material layer formed on the
5 hole-injecting layer; and
6 an electron-injecting layer formed on the organic
7 luminescent material layer.

1 7. The organic electro-luminescent display device as
2 claimed in claim 1, wherein the organic electro-luminescent
3 display device is an OLED device or a PLED device.

1 8. A method of forming an organic electro-luminescent
2 display device, comprising:

3 providing a glass substrate;
4 forming an optic-compensation film of transparent
5 dielectric material on the surface of the glass
6 substrate, in which the transparent nature of the
7 optic-compensation film is not limited to light
8 of a specific wavelength;
9 forming an anode layer on the optic-compensation film;
10 forming a laminated body of organic material on the
11 anode layer; and
12 forming a cathode layer on the laminated body.

1 9. The method of forming an organic electro-
2 luminescent display device as claimed in claim 8, wherein
3 the optic-compensation film is silicon nitride (SiNx).

1 10. The method of forming an organic electro-
2 luminescent display device as claimed in claim 8, wherein
3 the optic-compensation film is of 100~3000Å thickness.

1 11. The method of forming an organic electro-
2 luminescent display device as claimed in claim 8, wherein

3 the optic-compensation film promotes transparency of red
4 light to approximately 90%.

1 12. The method of forming an organic electro-
2 luminescent display device as claimed in claim 8, wherein
3 the optic-compensation film increases the transparency of
4 red light.

1 13. The method of forming an organic electro-
2 luminescent display device as claimed in claim 8, wherein
3 the anode layer is ITO.

1 14. The method of forming an organic electro-
2 luminescent display device as claimed in claim 8, wherein
3 the laminated body comprises:

4 a hole-injecting layer formed on the anode layer;
5 an organic luminescent material layer formed on the
6 hole-injecting layer; and
7 an electron-injecting layer formed on the organic
8 luminescent material layer.

1 15. The method of forming an organic electro-
2 luminescent display device as claimed in claim 8, wherein
3 the organic electro-luminescent display device is an OLED
4 device or a PLED device.